

Amendments to the Claims:

This listing of the claims will replace all prior versions and listings of claims in the application:

Listing of Claims

1. (currently amended) A method for constructing an acoustic absorbing panel, comprising the steps of:

providing a first fibrous-glass-free partition between a first region and a second region, the first partition being acoustically penetrable, and the second region comprising an bulk acoustic absorbing material that is substantially free of fibrous glass; and

providing a second fibrous glass free partition between the second region and a third region; wherein the second region between the first and second partition is substantially free of fibrous glass; and wherein the bulk absorbing material consists primarily of cotton or denim or both.

2. (original) The method of claim 1, wherein the third region comprises an acoustic absorbing material; and the method further comprises the step of providing a third partition between the third region and a fourth region, the third partition being acoustically penetrable.

3. (currently amended) The method of claim 2, wherein the acoustic absorbing material in the third region is substantially free of fibrous glass and consists primarily of cotton or denim or both.

4. (currently amended) The method of claim 2, wherein the second partition is substantially supported from movement by the acoustic absorbing materials in the second and third regions due to relative incompressibility of the absorbing materials.

5. (original) The method of claim 2, wherein the second partition is substantially acoustically impenetrable to provide substantial acoustic isolation between the second and third regions.

6. (currently amended) The method of claim 1, further comprising the steps of:
providing an acoustically penetrable membrane between the first partition and the second region and in direct contact with the first partition.

7. (original) The method of claim 6, wherein the membrane is adhered to a surface of the first partition by elevating the temperature of the membrane, followed by cooling the membrane to an ambient temperature.

8. (original) The method of claim 7, wherein the temperature of the membrane is elevated during a process of applying a coating on a surface of the first partition.

9. (currently amended) An acoustic absorbing structure, comprising:
a first fibrous-glass-free partition between a first region and a second region, the first partition being acoustically penetrable, and the second region comprising an bulk acoustic absorbing material that is substantially free of fibrous glass; and

a second fibrous-glass-free partition between the second region and a third region; wherein the second region between the first and second partition is substantially free of fibrous glass; and wherein the bulk absorbing material consists primarily of cotton or denim or both..

10.(original) The structure of claim 9, wherein the third region comprises an acoustic absorbing material; and the structure further comprises a third partition between the third region and a fourth region, the third partition being acoustically penetrable.

11.(currently amended) The structure of claim 10, wherein the acoustic absorbing material in the third region is substantially free of fibrous glass and consists primarily of cotton or denim or both.

12.(currently amended) The structure of claim 10, wherein the second partition is substantially supported from movement by the acoustic absorbing materials in the second and third regions due to relative incompressibility of the absorbing materials.

13.(original) The structure of claim 10, wherein the second partition is substantially acoustically impenetrable to provide substantial acoustic isolation between the second and third regions.

14.(currently amended) The structure of claim 9, further comprising:
an acoustically penetrable membrane between the first partition and the second region and in direct contact with the first partition.

15.(original) The structure of claim 14, wherein the membrane is adhered to a surface of the first partition by elevating the temperature of the membrane, followed by cooling the membrane to an ambient temperature.

16.(original) The structure of claim 15, wherein the temperature of the membrane is elevated during a process of applying a coating on a surface of the first partition.

17.(currently amended) The structure of claim 10, further comprising:

an acoustically penetrable membrane between the third partition and the third region and in direct contact with the third partition.

18. (currently amended) The structure of claim ~~19~~17, wherein the membrane is adhered to a surface of the third partition by elevating the temperature of the membrane, followed by cooling the membrane to an ambient temperature.